



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

C10-C  
Job Sheet 179867



Part No: C10-C

Job Qty: 1 ea

Part Name: Single Cage



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 6/25/18

Job Tracking No:

Due Date: 6/29/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG C10-C REV 2

Ship Via:

005197

### Bill of Materials

### Job Routing

| Op No | Operation          | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off |
|-------|--------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|----------|
|       |                    |       |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |          |
| 90    | Start up Operation | 1 Ea  | 6/29/18    | 6/29/18  | 0.00      | 0.00    | Start Up Small Fab-1  |           |          |
| 100   | Small Fab          | 1 pcs | 6/29/18    | 6/29/18  | 0.00      | 0.00    | Small Fab-1           |           |          |
| 120   | QC                 | 1 pcs | 6/29/18    | 6/29/18  | 0.00      | 0.00    | QC5                   |           |          |
| 130   | Packaging          | 1 pcs | 6/29/18    | 6/29/18  | 0.00      | 0.00    | Packaging1-1          |           |          |
| 135   | QC                 | 1 pcs | 6/29/18    | 6/29/18  | 0.00      | 0.00    | QC4                   |           |          |
| 140   | Packaging          | 1 pcs | 6/29/18    | 6/29/18  | 0.00      | 0.00    | Packaging3-1          |           |          |
| 160   | QC21-SA            | 1 Ea  | 6/29/18    | 6/29/18  | 0.00      | 0.00    | QC21                  |           |          |

### Job BOM

| Part / Item   | Component Name                 | Quantity     | Operation             | Container  |
|---------------|--------------------------------|--------------|-----------------------|------------|
| 97190A035     | Washer                         | 1 pcs (1 ea) | 90-Start up Operation | FM138544-9 |
| AN12-40       | Bolt                           | 1 pcs (1 ea) | 90-Start up Operation | 5005159    |
| AN310-12      | Castellated Nut                | 1 pcs (1 ea) | 90-Start up Operation | 5004855    |
| AN8-37A       | 1/2-20 X 3.969" Bolt           | 2 Ea (2 ea)  | 90-Start up Operation | 5090807    |
| C10-27        | Cage Weldment                  | 1 Ea (1 ea)  | 90-Start up Operation | 5102779    |
| C10-28A P     | Lifting Bushing (No Swivel)    | 1 Ea (1 ea)  | 90-Start up Operation | 5029203    |
| C10-34        | Bumper                         | 1 Ea (1 ea)  | 90-Start up Operation | 5081934    |
| C10-35        | Cage Bumper Nut                | 1 pcs (1 ea) | 90-Start up Operation | 5075954    |
| MS21044N8     | Nut, Self-Lock .500-20,UNJF-3B | 2 Ea (2 ea)  | 90-Start up Operation | 5057535    |
| MS24665-397   | Cotter Pin                     | 1 pcs (1 ea) | 90-Start up Operation | 5004856    |
| NAS1149C0663R | Washer                         | 1 Ea (1 ea)  | 90-Start up Operation | 5076016    |
| NAS1149F0832P | Washer                         | 6 Ea (4 ea)  | 90-Start up Operation | 5076018    |
| NAS1149F1232P | Washer                         | 2 Ea (2 ea)  | 90-Start up Operation | 5068664    |
| C10-28        | Swivel Bushing, C10/SWA10      | 1 Ea (1 ea)  | 130-Packaging         | 5095933    |

### Job Allocations

| Operation             | Component Part | Required | Inventory | Allocated |
|-----------------------|----------------|----------|-----------|-----------|
| 90-Start up Operation | 97190A035      | 1        | 3         | 0         |
|                       | AN12-40        | 1        | 9         | 0         |
|                       | AN310-12       | 1        | 46        | 0         |
|                       | AN8-37A        | 2        | 0         | 0         |
|                       | C10-27         | 1        | 0         | 0         |
|                       | C10-28A        | 1        | 0         | 0         |
|                       | C10-34         | 1        | 1         | 0         |



DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Thermoforming <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           re/Packaging <input type="checkbox"/><br/>           Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Quality <input type="checkbox"/><br/>           Other <input type="checkbox"/> </div> </div> |                          |                                              |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
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| Date : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                    | <div style="transform: rotate(-90deg);"> <b>DART AEROSPACE</b><br/>           Container No: S105840<br/>           Part: C10-C<br/>           Job No: 179867<br/>           Serial No/Batch: S105840<br/>           Revision: 2<br/>           Inspector:<br/>           Exp Date:<br/>           Instructions:<br/> <br/>           Date: 08/26/18         </div>                                                                                                                                                                                                                                                                                                                                                                                                              |                          | MRB (QSI042) Approval                        |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          | Completed By                                 |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          | Lead hand / Supervisor Approval Verification |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          | QC / QA Coordinator Approval                 |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: left;">Root Cause</th> </tr> </thead> <tbody> <tr> <td style="width:15%;">Environment</td> <td style="width:15%;"><input type="checkbox"/></td> <td style="width:15%;">No Re-verification</td> <td style="width:15%;"><input type="checkbox"/></td> </tr> <tr> <td>Design</td> <td><input type="checkbox"/></td> <td>Operator</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Doc/Data</td> <td><input type="checkbox"/></td> <td>Offset/Setup</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Equip/Tooling</td> <td><input type="checkbox"/></td> <td>Supplier</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Handling/Pre</td> <td><input type="checkbox"/></td> <td>Training</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Material</td> <td><input type="checkbox"/></td> <td>Use for Testing</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Internal Transport</td> <td><input type="checkbox"/></td> <td>Poor Information</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Tribal Knowledge</td> <td><input type="checkbox"/></td> <td>Rushing</td> <td><input type="checkbox"/></td> </tr> <tr> <td>LOA</td> <td><input type="checkbox"/></td> <td>Product Improvement</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Substation</td> <td><input type="checkbox"/></td> <td>Process Improvement</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Past Expiry Date</td> <td><input type="checkbox"/></td> <td>Manufacturing Process</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Misidentified</td> <td><input type="checkbox"/></td> <td>Past Due</td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="4" style="text-align: left;">OTHER : _____</td> </tr> </tbody> </table> |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                              |  | Root Cause |  |  |  | Environment | <input type="checkbox"/> | No Re-verification | <input type="checkbox"/> | Design | <input type="checkbox"/> | Operator | <input type="checkbox"/> | Doc/Data | <input type="checkbox"/> | Offset/Setup | <input type="checkbox"/> | Equip/Tooling | <input type="checkbox"/> | Supplier | <input type="checkbox"/> | Handling/Pre | <input type="checkbox"/> | Training | <input type="checkbox"/> | Material | <input type="checkbox"/> | Use for Testing | <input type="checkbox"/> | Internal Transport | <input type="checkbox"/> | Poor Information | <input type="checkbox"/> | Tribal Knowledge | <input type="checkbox"/> | Rushing | <input type="checkbox"/> | LOA | <input type="checkbox"/> | Product Improvement | <input type="checkbox"/> | Substation | <input type="checkbox"/> | Process Improvement | <input type="checkbox"/> | Past Expiry Date | <input type="checkbox"/> | Manufacturing Process | <input type="checkbox"/> | Misidentified | <input type="checkbox"/> | Past Due | <input type="checkbox"/> | OTHER : _____ |  |  |  |
| Root Cause                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                              |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
| Environment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/>                                                                                                                                                           | No Re-verification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <input type="checkbox"/> |                                              |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
| Design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/>                                                                                                                                                           | Operator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> |                                              |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
| Doc/Data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/>                                                                                                                                                           | Offset/Setup                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> |                                              |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
| Equip/Tooling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/>                                                                                                                                                           | Supplier                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> |                                              |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
| Handling/Pre                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/>                                                                                                                                                           | Training                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> |                                              |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
| Material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/>                                                                                                                                                           | Use for Testing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <input type="checkbox"/> |                                              |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
| Internal Transport                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/>                                                                                                                                                           | Poor Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/> |                                              |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
| Tribal Knowledge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/>                                                                                                                                                           | Rushing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/> |                                              |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
| LOA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/>                                                                                                                                                           | Product Improvement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> |                                              |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
| Substation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <input type="checkbox"/>                                                                                                                                                           | Process Improvement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> |                                              |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
| Past Expiry Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/>                                                                                                                                                           | Manufacturing Process                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <input type="checkbox"/> |                                              |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
| Misidentified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/>                                                                                                                                                           | Past Due                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> |                                              |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |
| OTHER : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                              |  |            |  |  |  |             |                          |                    |                          |        |                          |          |                          |          |                          |              |                          |               |                          |          |                          |              |                          |          |                          |          |                          |                 |                          |                    |                          |                  |                          |                  |                          |         |                          |     |                          |                     |                          |            |                          |                     |                          |                  |                          |                       |                          |               |                          |          |                          |               |  |  |  |

|               |               |   |     |   |
|---------------|---------------|---|-----|---|
| 130-Packaging | C10-35        | 1 | 49  | 0 |
|               | MS21044N8     | 2 | 59  | 0 |
|               | MS24665-397   | 1 | 46  | 0 |
|               | NAS1149C0663R | 1 | 618 | 0 |
|               | NAS1149F0832P | 4 | 296 | 0 |
|               | NAS1149F1232P | 2 | 96  | 0 |
|               | C10-28        | 1 | 26  | 0 |

### Part Specifications

Specifications could not be found.

Plex 6/25/18 10:24 AM Dart.lajeunesse.marie



DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

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Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                   | Skid-tube <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Cross tube <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Water Jet <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                          | Engineering <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Machining <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                     | Small Fab <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                | Prod. 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| Skid-tube <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| <table style="width: 100%; border: none;"> <tr> <td style="width: 25%; vertical-align: top;"> <b>Root Cause</b><br/>           Environment <input type="checkbox"/><br/>           Design <input type="checkbox"/><br/>           Doc/Data <input type="checkbox"/><br/>           Equip/Tooling <input type="checkbox"/><br/>           Handling/Pre <input type="checkbox"/><br/>           Material <input type="checkbox"/><br/>           Internal Transport <input type="checkbox"/><br/>           Tribal Knowledge <input type="checkbox"/><br/>           LOA <input type="checkbox"/><br/>           Substation <input type="checkbox"/><br/>           Past Expiry Date <input type="checkbox"/><br/>           Misidentified <input type="checkbox"/> </td> <td style="width: 25%; vertical-align: top;">           No Re-verification <input type="checkbox"/><br/>           Operator <input type="checkbox"/><br/>           Offset/Setup <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Training <input type="checkbox"/><br/>           Use for Testing <input type="checkbox"/><br/>           Poor Information <input type="checkbox"/><br/>           Rushing <input type="checkbox"/><br/>           Product Improvement <input type="checkbox"/><br/>           Process Improvement <input type="checkbox"/><br/>           Manufacturing Process <input type="checkbox"/><br/>           Past Due <input type="checkbox"/> </td> <td style="width: 25%; vertical-align: top;">           Pressure/Forced <input type="checkbox"/><br/>           Bending <input type="checkbox"/><br/>           Centre Not Concentric <input type="checkbox"/><br/>           Cracks <input type="checkbox"/><br/>           Crimp/Kink/Ripple/Wave <input type="checkbox"/><br/>           Cuffs <input type="checkbox"/><br/>           Crushing <input type="checkbox"/><br/>           Heat Treat <input type="checkbox"/><br/>           Wave/Twist in Tube <input type="checkbox"/><br/>           Marks/Chatter <input type="checkbox"/> </td> <td style="width: 25%; vertical-align: top;"> <b>FAULT CATEGORY</b><br/>           Temperature/Cure <input type="checkbox"/><br/>           Set-up <input type="checkbox"/><br/>           BOM/Route <input type="checkbox"/><br/>           Broken/Damage/Defect <input type="checkbox"/><br/>           Inspection Incomplete/Unqualified <input type="checkbox"/><br/>           Contamination <input type="checkbox"/><br/>           Countersink <input type="checkbox"/><br/>           Cut Too Short <input type="checkbox"/><br/>           Instructions Incomplete/Unclear <input type="checkbox"/><br/>           Drill Holes <input type="checkbox"/> </td> <td style="width: 25%; vertical-align: top;">           Power Loss/Surge <input type="checkbox"/><br/>           Folio/Program <input type="checkbox"/><br/>           Grain <input type="checkbox"/><br/>           Weld <input type="checkbox"/><br/>           Wrong Stock Pulled <input type="checkbox"/><br/>  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<input type="checkbox"/> | <b>FAULT CATEGORY</b><br>Temperature/Cure <input type="checkbox"/><br>Set-up <input type="checkbox"/><br>BOM/Route <input type="checkbox"/><br>Broken/Damage/Defect <input type="checkbox"/><br>Inspection Incomplete/Unqualified <input type="checkbox"/><br>Contamination <input type="checkbox"/><br>Countersink <input type="checkbox"/><br>Cut Too Short <input type="checkbox"/><br>Instructions Incomplete/Unclear <input type="checkbox"/><br>Drill Holes <input type="checkbox"/> | Power Loss/Surge <input type="checkbox"/><br>Folio/Program <input type="checkbox"/><br>Grain <input type="checkbox"/><br>Weld <input type="checkbox"/><br>Wrong Stock Pulled <input type="checkbox"/><br>Out of Sequence <input type="checkbox"/><br>Off-set <input type="checkbox"/><br>Misabeled <input type="checkbox"/><br>Fit/Function <input type="checkbox"/><br>Misaligned/off center <input type="checkbox"/> | Positioned Wrong <input type="checkbox"/><br>Outside Dimensions <input type="checkbox"/><br>Over/Under tolerance <input type="checkbox"/><br>Part Incorrect <input type="checkbox"/><br>Part Lost/Missing <input type="checkbox"/><br>Part Moved <input type="checkbox"/><br>Drawing <input type="checkbox"/><br>Finish <input type="checkbox"/><br>Misread <input type="checkbox"/><br>Turning Sequence <input type="checkbox"/> |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
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type="checkbox"/><br>Training <input type="checkbox"/><br>Use for Testing <input type="checkbox"/><br>Poor Information <input type="checkbox"/><br>Rushing <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Past Due <input type="checkbox"/> | Pressure/Forced <input type="checkbox"/><br>Bending <input type="checkbox"/><br>Centre Not Concentric <input type="checkbox"/><br>Cracks <input type="checkbox"/><br>Crimp/Kink/Ripple/Wave <input type="checkbox"/><br>Cuffs <input type="checkbox"/><br>Crushing <input type="checkbox"/><br>Heat Treat <input type="checkbox"/><br>Wave/Twist in Tube <input type="checkbox"/><br>Marks/Chatter <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>FAULT CATEGORY</b><br>Temperature/Cure <input type="checkbox"/><br>Set-up <input type="checkbox"/><br>BOM/Route <input type="checkbox"/><br>Broken/Damage/Defect <input type="checkbox"/><br>Inspection Incomplete/Unqualified <input type="checkbox"/><br>Contamination <input type="checkbox"/><br>Countersink <input type="checkbox"/><br>Cut Too Short <input type="checkbox"/><br>Instructions Incomplete/Unclear <input type="checkbox"/><br>Drill Holes <input type="checkbox"/> | Power Loss/Surge <input type="checkbox"/><br>Folio/Program <input type="checkbox"/><br>Grain <input type="checkbox"/><br>Weld <input type="checkbox"/><br>Wrong Stock Pulled <input type="checkbox"/><br>Out of Sequence <input type="checkbox"/><br>Off-set <input type="checkbox"/><br>Misabeled <input type="checkbox"/><br>Fit/Function <input type="checkbox"/><br>Misaligned/off center <input type="checkbox"/> | Positioned Wrong <input type="checkbox"/><br>Outside Dimensions <input type="checkbox"/><br>Over/Under tolerance <input type="checkbox"/><br>Part Incorrect <input type="checkbox"/><br>Part Lost/Missing <input type="checkbox"/><br>Part Moved <input type="checkbox"/><br>Drawing <input type="checkbox"/><br>Finish <input type="checkbox"/><br>Misread <input type="checkbox"/><br>Turning Sequence <input type="checkbox"/> |                                                                                                                                                                                                                                                                                                                                                                                                                                          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